



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant(s) |) | Kenneth M. MAXHAM |
| Application No. |) | 10/037,085 |
| Filing Date |) | December 20, 2001 |
| Title |) | SYSTEM AND METHOD FOR SELECTING THE PLACEMENT OF OPTICAL AMPLIFIERS IN AN OPTICAL NETWORK |
| Examiner |) | Christina Y. Leung |
| Art Unit |) | 2633 |

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Commissioner for Patents
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**AMENDMENT, RESPONSE, AND REQUEST FOR CONTINUED
EXAMINATION PURSUANT TO 37 CFR 1.114**

Dear Sir/Madam:

In response to the Advisory Action mailed February 7, 2006, and the final Office Action mailed November 10, 2005, rejecting Claims 1-35 of the above-referenced Application, in which Claims 1-35 are pending, Applicant respectfully requests that the following amendments be entered and remarks be considered in association with this Request for Continued Examination Pursuant to 37 CFR 1.114. In view of these amendments and remarks, Applicant submits that the Application is now in condition for allowance and respectfully requests such action.